

ABSTRACT OF THE DISCLOSURE

Methods and apparatuses for reserving an execution thread are disclosed. A selected processing unit is described as a peripheral device in a device description. Peripheral devices are prevented from using the selected processing unit. A processor description includes one or more available processing units, and omits the selected processing unit. The processor description is provided to an operating system. The device description of the selected processing unit may be read and recognized as a device description of a peripheral device. A device driver may be retrieved for the processing units based on the device description of the processing unit, and resources may be allocated to the processing unit based on a request from the driver.